



CLEARLine® FILTRATION PRODUCTS

VACUUM FILTRATION UNITS

Complete filtration solutions, supplied with filter funnel, adapter and collection tank. They are designed to simplify and optimise the filtration process, allowing rapid and efficient removal of unwanted particles from liquids and solutions.

Available versions:

- Available sizes: 250, 500 and 1000 mL
- Materials: PS (Funnel and collection tank), PES with 0.22µm pores (filtering membrane)
- Non-pyrogenic, non-cytotoxic
- Sterilized by Gamma rays



Code	Volume (mL)	Membrane material	Membrane size (µm)	Units/Bags	Sales units
CL500	250	PES	0.22	1	12
CL501	500	PES	0.22	1	12
CL502	1000	PES	0.22	1	12
CL510	250mL collection reservoir with screw cap			1	24
CL511	500mL collection reservoir with screw cap			1	24
CL512	1000mL collection reservoir with screw cap			1	24

SYRINGE FILTERS

Our range of syringe filters is available in many different pore sizes and with hydrophilic or hydrophobic membrane materials. Produced in certified clean room conditions, using the latest manufacturing technology to ensure a high quality, consistent product.

Features

- Application compatibility:** Wide range of filtration supports meets different application needs
- Minimum sample hold-up:** Syringe filter's housings are specifically designed to maximize sample recovery
- Convenience:** Each unit is clearly marked with an identifying code to denote pore size, membrane material
- Sterility:** Filters can be purchased pre-sterilized by Gamma radiation
- Different colours:** Identifying the type of membrane

Available versions:

- Diam. 25mm and 33 mm
- Porosity: 0.22 or 0.45 µm
- Membrane material: AC, PES, PVDF, PTFE.
- Type of membrane: Hydrophobic or Hydrophilic
- Designed with a Female Luer-Lock inlet and Male Luer-Slip outlets
- Sterile or unsterile



Code	Type	Material	Version	Pores (µm)	Diameter (mm)	Units/Bags	Sales units
CL001	Syringe filter	AC		0.22	33	Box	100
CL001/S	Syringe filter	AC	Sterile	0.22	33	Individual package	50
CL002	Syringe filter	AC		0.45	33	Box	100
CL002/S	Syringe filter	AC	Sterile	0.45	33	Individual package	50
CL003	Syringe filter	PES		0.22	33	Box	100
CL003/S	Syringe filter	PES	Sterile	0.22	33	Individual package	50
CL004	Syringe filter	PES		0.45	33	Box	100
CL004/S	Syringe filter	PES	Sterile	0.45	33	Individual package	50
CL005	Syringe filter	AC		0.22	25	Box	100
CL005S	Syringe filter	AC		0.22	25	Individual package	50
CL006	Syringe filter	PVDF	Hydrophilic	0.45	33	Box	100
CL007	Syringe filter	PTFE	Hydrophobic	0.22	33	Box	100
CL008	Syringe filter	PTFE	Hydrophobic	0.45	33	Box	100
CL009/S	Syringe filter	PVDF	Hydrophobic - Sterile	0.22	33	Individual package	50
CL010	Syringe filter	AC		0.45	22	Box	100

MEMBRANE FOR FILTRATION

Microfiltration is a physical filtration method in which a fluid passes through a membrane with a defined porosity to separate microorganisms and suspended particles from the liquid, solvent or gas subjected to the process.

The membrane is positioned in a filtration system consisting of a funnel to pour the sample, a porous support that holds the membrane and a collection system for the filtrate. The apparatus can be simple glass or single or multiple position steel ramps.

We provide a wide range of membrane filters from various materials such as NC, MCE and PES.

The colour of the membranes, white or black, simple or gridded, is useful for highlighting the particles or microorganisms retained.

Available versions:

- Diam 47mm
- Material: CN; MCE; PES
- Porosity: 0.22 - 0.45 - 0.8 µm
- Colours: white, gridded black and gridded white
- Sterile, single pack or in automatic dispenser tape



Code	Membrane colour	Grid colour	Material	Pores (µm)	Diameter (mm)	Version	Units/Bags	Sales units
CL040	White	Black	NC	0.22	47	Sterile	Individual package	100
CL041	White	Black	NC	0.45	47	Sterile	Individual package	100
CL042	White	Black	NC	0.8	47	Sterile	Individual package	100
CL043	White	Black	NC	0.45	47	Sterile	Tape	150
CL044	White	Black	MCE	0.22	47	Sterile	Individual package	100
CL045	White	Black	MCE	0.45	47	Sterile	Individual package	100
CL046	White	Black	MCE	0.8	47	Sterile	Individual package	100
CL047	Black	White	MCE	0.45	47	Sterile	Individual package	100
CL048	White	Black	MCE	0.45	47	Sterile	Tape	150
CL049	Black	White	PES	0.22	47	Sterile	Individual package	100
CL050	White	Black	PES	0.22	47	Sterile	Tape	150
CL051	Black	White	PES	0.45	47	Sterile	Individual package	100
CL052	White	Black	PES	0.22	47	Sterile	Individual package	100
CL053	White	Black	MCE	0.22	47	Sterile	Tape	150

DISPOSABLE MICROBIOLOGICAL FILTER MONITOR SYSTEM

Sterile disposable plastic system for microbiological filtration in the laboratory.

The filter membrane is integrated and can be removed after filtration to proceed with incubation on culture medium.

The 100mL funnels, compatible with Sartorius and Millipore ramps, consist of a base, cylindrical body and a cap that can be transformed directly into a Petri dish.

The 300mL funnels are compatible with Millipore ramps, available without membranes and base.

Available versions:

- Volume: 100mL or 300mL (funnel only)
- Porosity: 0.22 - 0.45 µm
- Membrane material: MCE or PES
- Sterile



Code	Type	Membrane colour	Grid colour	Material	Pores (µm)	Diameter (mm)	Version	Units/Bags	Sales units
CL070	100mL	White	Black	MCE	0.22	47	Sterile	Individual package	50
CL071	100mL	White	Black	MCE	0.45	47	Sterile	Individual package	50
CL074	100mL	White	Black	PES	0.45	47	Sterile	Individual package	50
CL075	100mL	White	Black	PES	0.22	47	Sterile	Individual package	50
CL090	Funnel 300mL - Funnel Only							In Bulk	48

Adapters:

Codice	Descrizione	Unità/Sacc.	Unità di vendita
CL066	Adapter for Pall manifold equipped with Pall adapter PN 4890 for microfunnell	Single pack	1
CL067	Adapter for Millipore Filtration head for rubber stopper tulip EZFITHIHE1 (for EZ-Fit® Manifold); or any other manifold with head for #8 silicon stopper	Single pack	1
CL068	Adapters for Millipore EZ-Fit® Filtration Unit head EZFITMHTA1 (for EZ-Fit® Manifold)	Single pack	1
CL069	Adapters for Sartorius Microsart® Manifolds: 168M6-BS100, 168M3-BS100, 168M1-BS100, 168M2-BS100	Single pack	1



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